

WEST**Freeform Search****Database:**

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

L23 and (needl\$3)

Display:

50

Documents in**Display Format:**

-

Starting with**Number** 1**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

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Main Menu

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Cases

Search History**DATE:** Wednesday, May 29, 2002[Printable Copy](#)[Create Case](#)**Set Name Query**
side by side**Hit
Count****Set
Name
result set**

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

| | | | |
|------------|---|-----|------------|
| <u>L25</u> | L23 and (needl\$3) | 26 | <u>L25</u> |
| <u>L24</u> | L23 and I9 | 0 | <u>L24</u> |
| <u>L23</u> | (minor or small) draft | 206 | <u>L23</u> |
| <u>L22</u> | L21 and roofing | 2 | <u>L22</u> |
| <u>L21</u> | ECR same (glass (fiber or filament or fibre)) | 53 | <u>L21</u> |
| <u>L20</u> | ECR same glass | 427 | <u>L20</u> |
| <u>L19</u> | L18 and I13 | 5 | <u>L19</u> |
| <u>L18</u> | I9 and roofing | 14 | <u>L18</u> |
| <u>L17</u> | L16 and I2 | 1 | <u>L17</u> |

| | | | |
|------------|---|-------|------------|
| <u>L16</u> | L13 and I10 | 17 | <u>L16</u> |
| <u>L15</u> | L14 and I2 | 2 | <u>L15</u> |
| <u>L14</u> | L13 and I9 | 59 | <u>L14</u> |
| <u>L13</u> | glass same (fiber or fibre or filament) same (E or C or ECR) | 36215 | <u>L13</u> |
| <u>L12</u> | L10 and I2 | 3 | <u>L12</u> |
| <u>L11</u> | I9 and I2 | 6 | <u>L11</u> |
| <u>L10</u> | L9 and (roofing or insulation or insulating) | 114 | <u>L10</u> |
| <u>L9</u> | ((442/36 442/270 442/271 442/273 442/381 442/387 442/388 442/392)!.CCLS.) | 788 | <u>L9</u> |
| <u>L8</u> | L7 same (glass or fiberglass) | 18 | <u>L8</u> |
| <u>L7</u> | (weft yarns) same tape | 418 | <u>L7</u> |
| <u>L6</u> | weft yarns same tape | 418 | <u>L6</u> |
| <u>L5</u> | 1517595 or 7739489 or 160609 or 176847 or 403403 or 530769 | 68 | <u>L5</u> |
| <u>L4</u> | I1 and I2 | 47 | <u>L4</u> |
| <u>L3</u> | I1 or L2 | 125 | <u>L3</u> |
| <u>L2</u> | ((synthetic or polymer or polymeric or organic or thermoplastic) near5 (fiber or filament or fibre)) same (nonwoven or non-woven or unwoven)) and ((glass or fiberglass) same (woven or web or scrim or mesh or net or netting)) and ((binder or (binding agent)) same (polyvinylacetate or starch or urea or melamine or acrylate or styrene)) and (needle\$3 or stitch\$3) | 125 | <u>L2</u> |
| <u>L1</u> | ((synthetic or polymer or polymeric or organic or thermoplastic) near5 (fiber or filament or fibre)) same (nonwoven or non-woven or unwoven)) and ((glass or fiberglass) same (woven or web or scrim or mesh or net or netting)) and ((binder or (binding agent)) same ((polyvinylacetate or starch or urea or melamine) and (acrylate or styrene))) and (needle\$3 or stitch\$3) | 47 | <u>L1</u> |

END OF SEARCH HISTORY

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit</u> <u>Count</u> | <u>Set</u> <u>Name</u> result set |
|--|---|----------------------------|---|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> | | | |
| <u>L10</u> | WEITER-BERTRAND-\$.in. | 19 | <u>L10</u> |
| <u>L9</u> | de 19521838 | 2 | <u>L9</u> |
| <u>L8</u> | I3 and I4 and I5 and I6 | 47 | <u>L8</u> |
| <u>L7</u> | I2 and I3 and I4 and I5 and I6 | 35 | <u>L7</u> |
| <u>L6</u> | needl\$3 or stitch\$3 | 333680 | <u>L6</u> |
| <u>L5</u> | (binder or (binding agent)) same ((polyvinylacetate or starch or urea or melamine) and (acrylate or styrene)) | 5769 | <u>L5</u> |
| <u>L4</u> | (glass or fiberglass) same (woven or web or scrim or mesh or net or netting) | 51781 | <u>L4</u> |
| <u>L3</u> | ((synthetic or polymer or polymeric or organic or thermoplastic) near5 (fiber or filament or fibre)) same (nonwoven or non-woven or unwoven) | 21419 | <u>L3</u> |
| <u>L2</u> | (laminate or composite) | 700640 | <u>L2</u> |
| <u>L1</u> | (laminate or composite) | 700640 | <u>L1</u> |

END OF SEARCH HISTORY

5,616,395
6,235,657
5,017,426
4,574,950